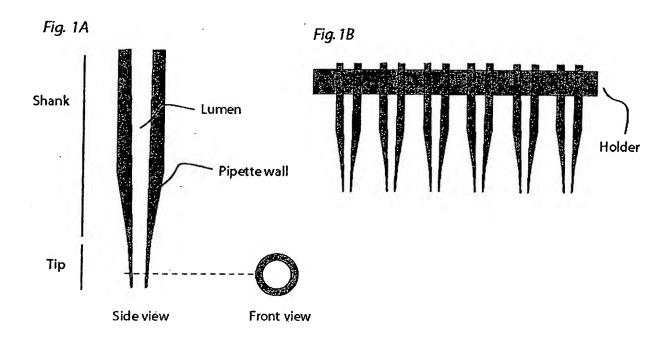
Figure 1



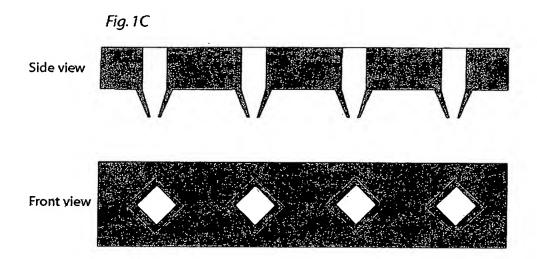


Fig. 2A

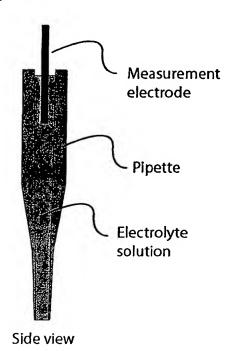


Fig. 2B

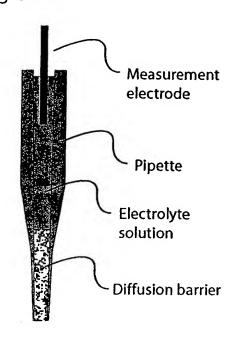


Fig. 2C

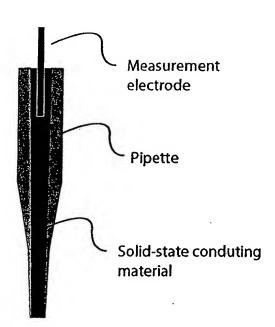
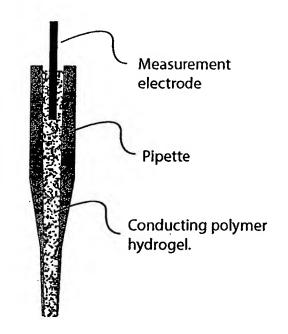
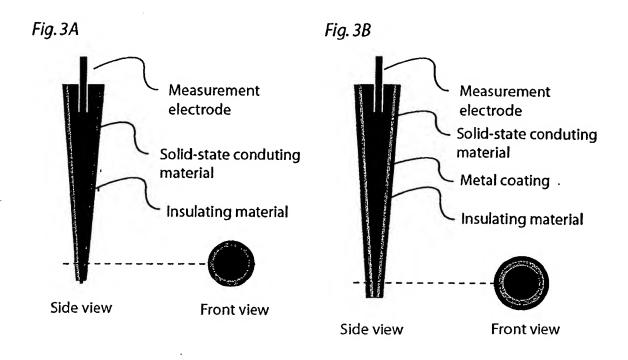


Fig. 2D





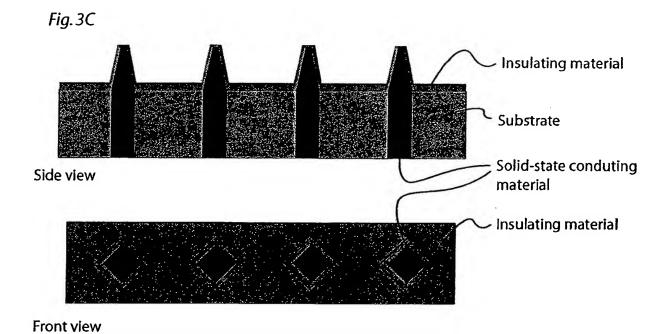
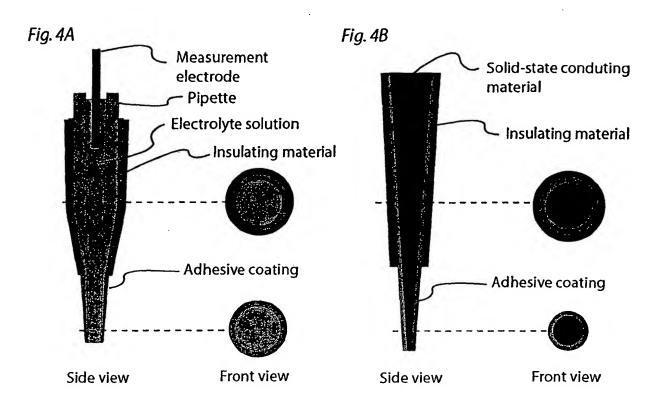


Figure 4



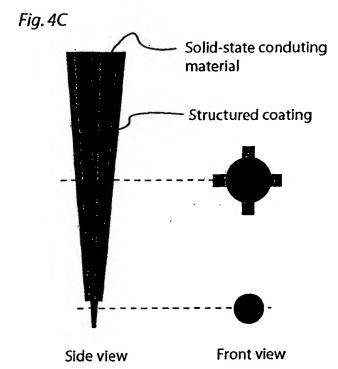
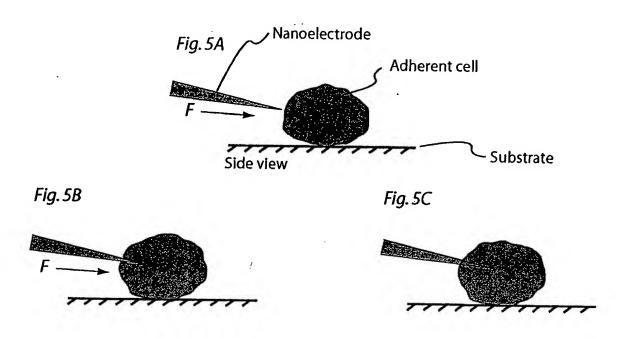


Figure 5



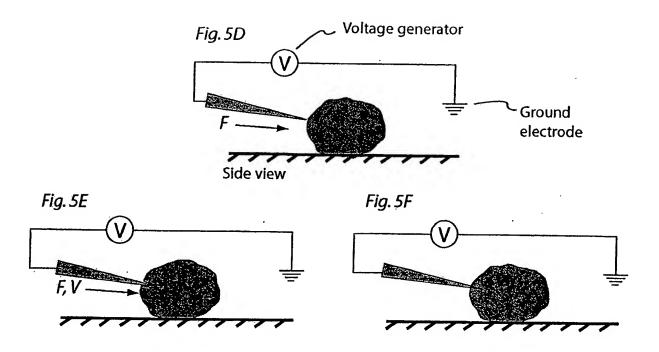
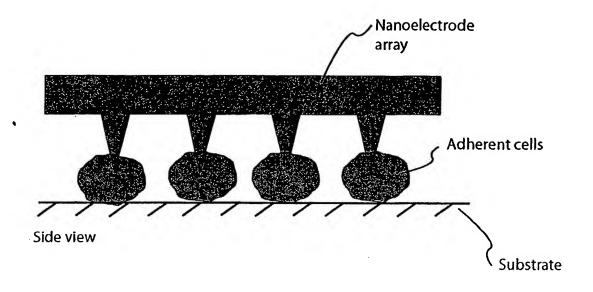
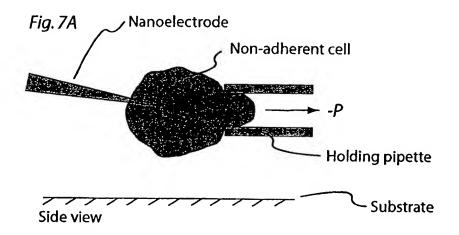
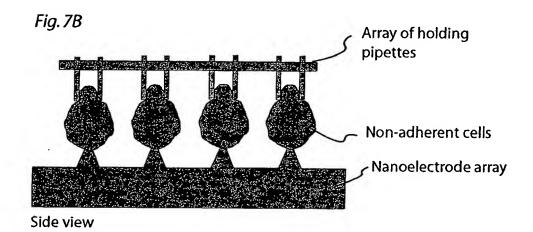


Figure 6







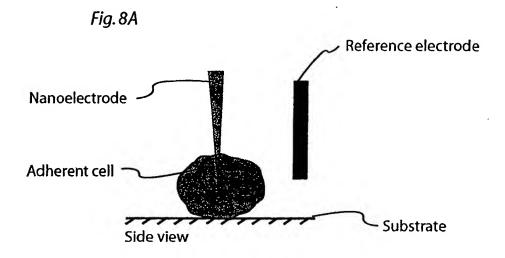
Non-adherent cells

Side view

Nanoelectrode array

Porous
substrate

Figure 8



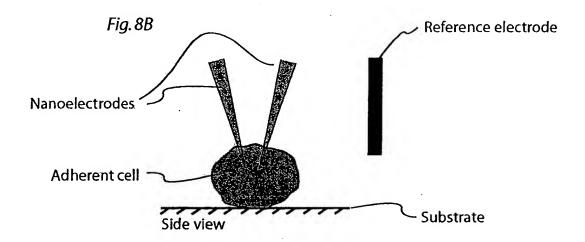


Fig. 9A

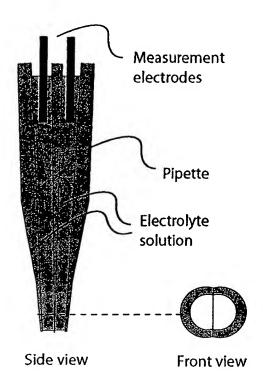


Fig. 9B

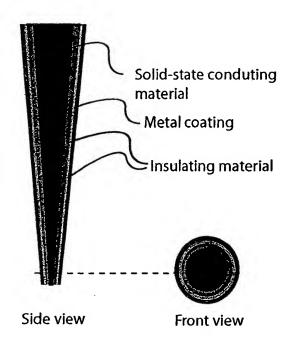
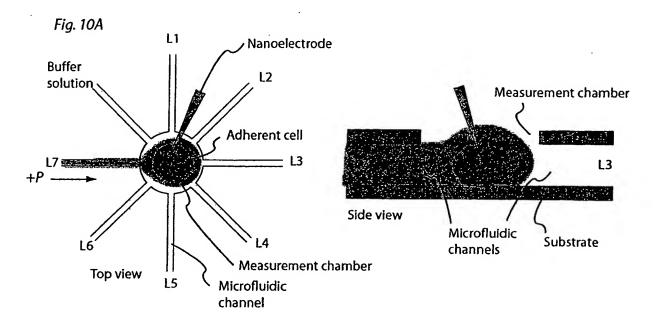
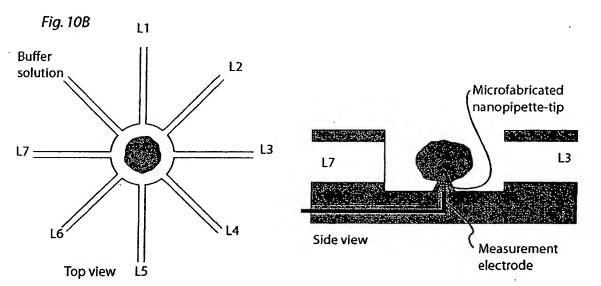
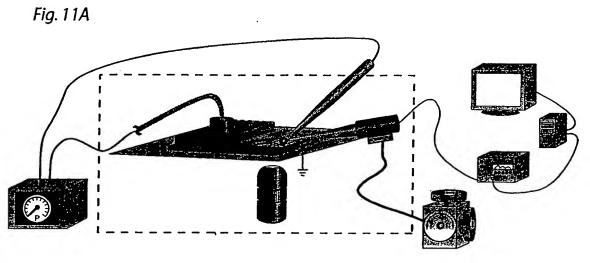


Figure 10







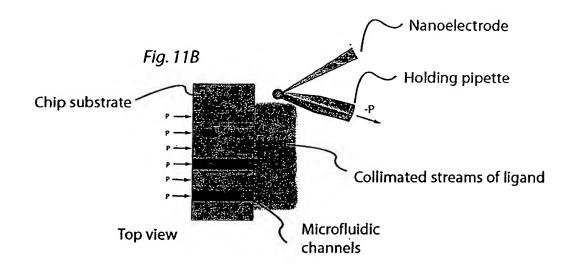


Fig. 11C

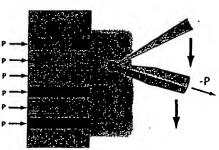
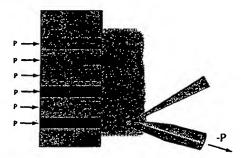
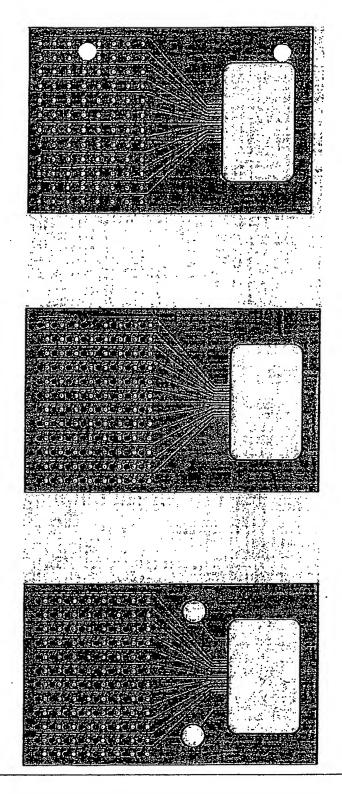


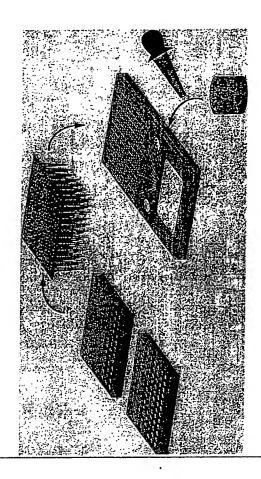
Fig. 11D



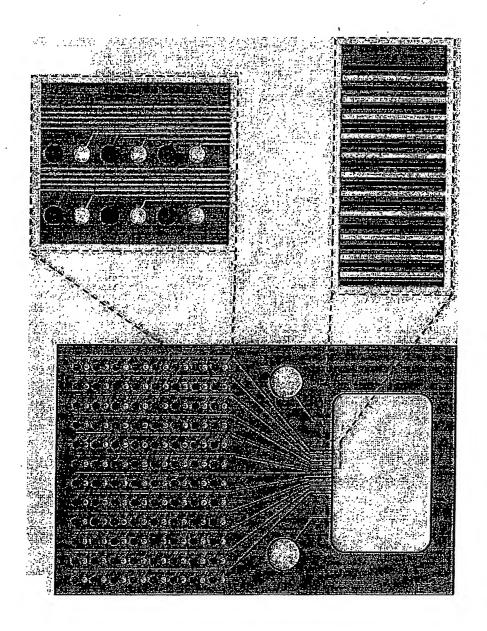


This will be renumbered

Figure 12A-C

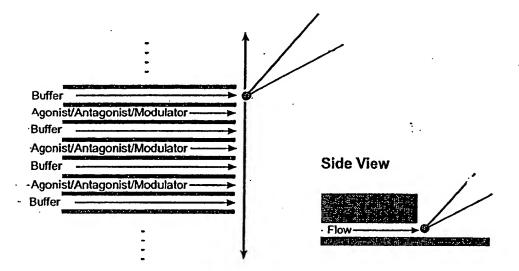


This will be Figure 13

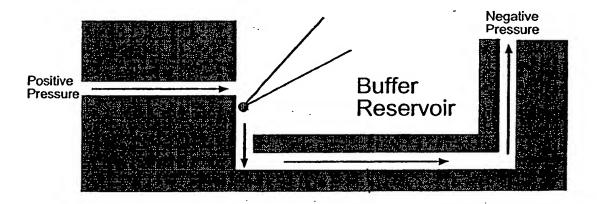


Figures 14A-C

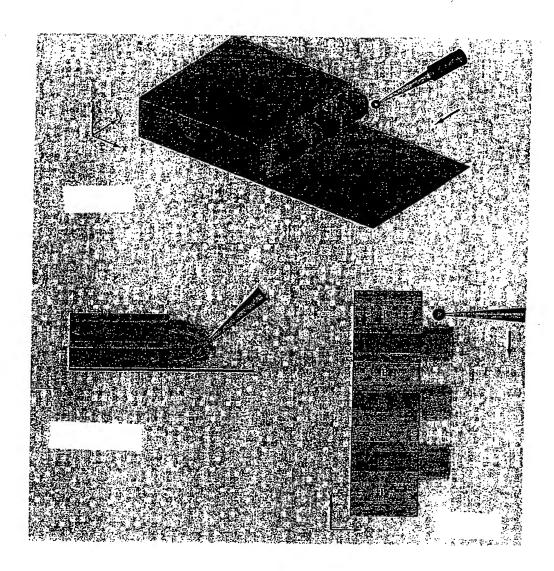
Top View



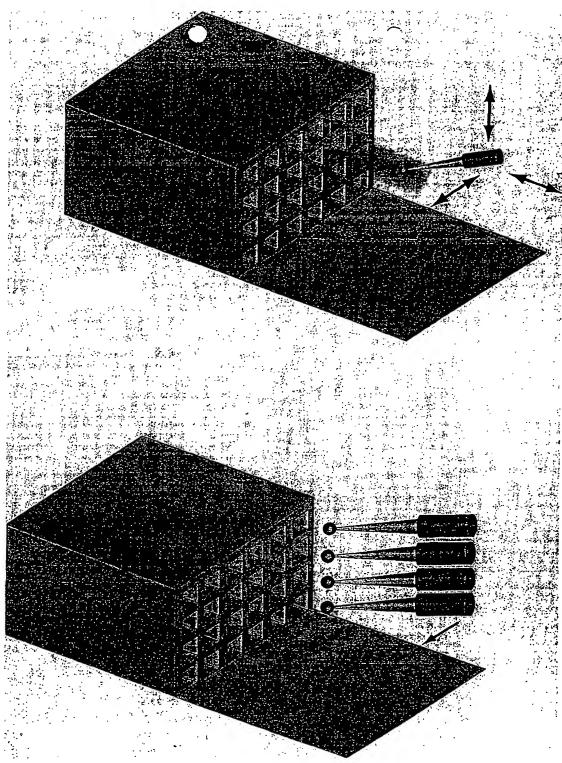
Side View



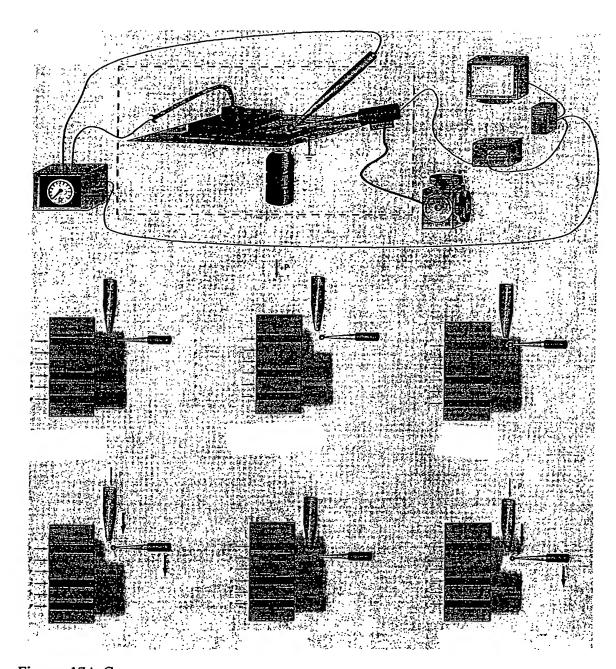
Figures 15A-C



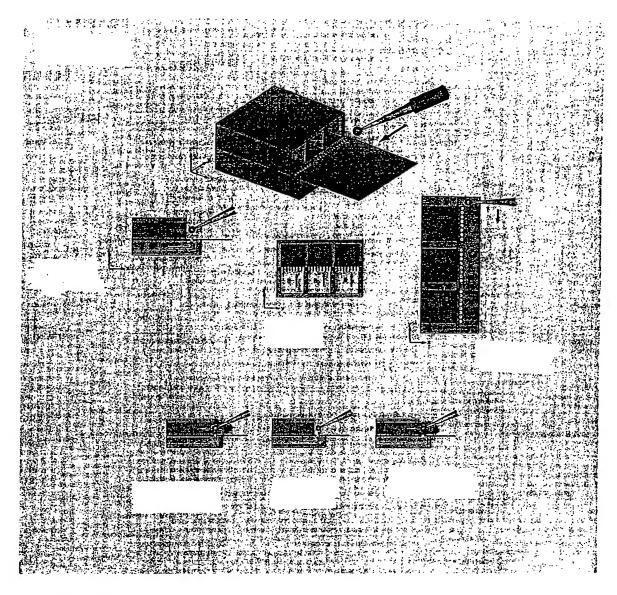
Figures 15D-F



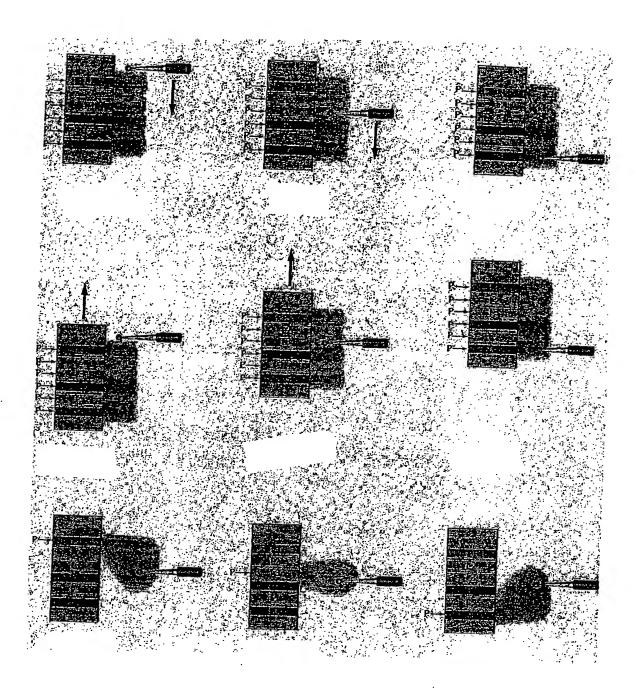
Figures 16A-B



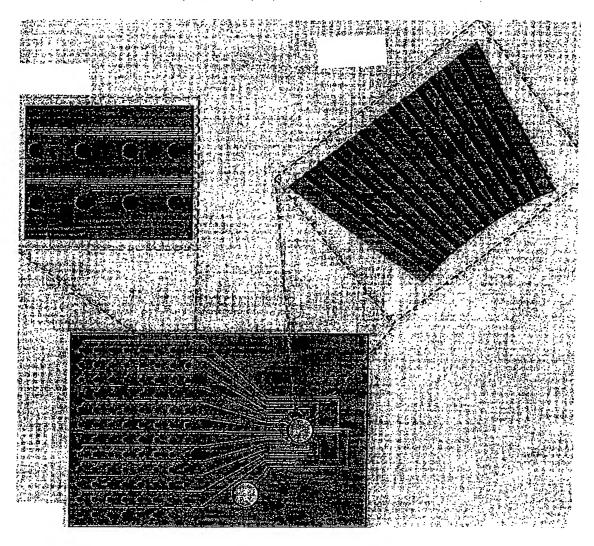
Figures 17A-G



Figures 17H-N



Figures 18A-I



Figures 19A-C

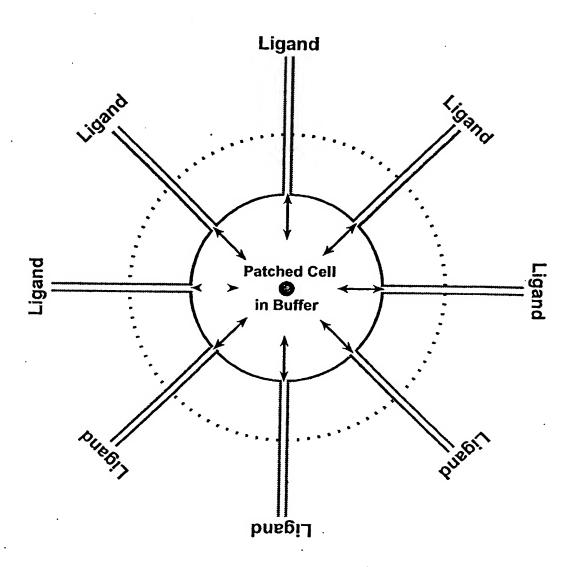


Figure 20

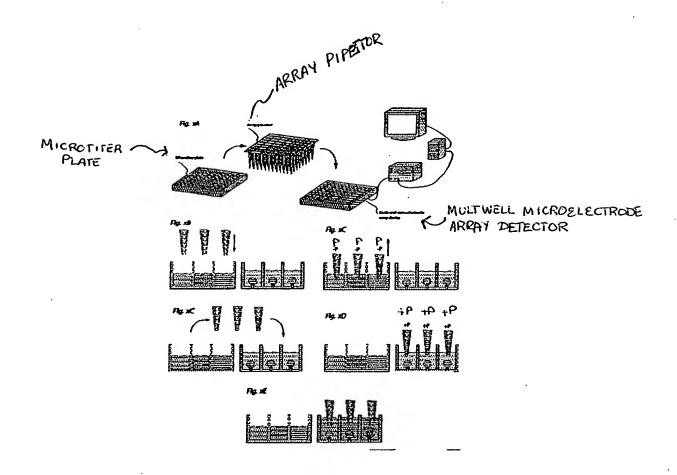


Figure 21

BOS2_329179_1.DOC/DREES